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By

07 Jun 95
D. Joseph T. Cloud

Attorney Docket No. 11823-002630

3/B
B. PATENT
4/24/95

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

CARY L. QUEEN ET AL.

Serial No.: Not Assigned

Filed: Herewith

For: IMPROVED HUMANIZED
IMMUNOGLOBULINS

Examiner: Not Assigned

Art Unit: Not Assigned

PRELIMINARY AMENDMENT

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Before examination of the above-identified application, please amend the specification as follows:

In the Claims

Please cancel Claims 1-85 without prejudice, and add the following new claims:

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1. A humanized immunoglobulin having complementarity determining regions (CDRs) from a donor immunoglobulin and heavy and light chain variable region frameworks from human acceptor immunoglobulin heavy and light chain frameworks, which humanized immunoglobulin specifically binds to human CD33 with an affinity constant of at least $10^7 M^{-1}$, wherein the sequence of the humanized immunoglobulin heavy chain variable region framework is 65% to 95% identical to the sequence of the donor immunoglobulin heavy chain variable region framework.

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2. A humanized immunoglobulin according to claim 1 which is an antibody comprising two light chain/heavy chain dimers.

Rule 126
B1